

307908 to 307916—Continued

307908. *NICOTIANA GLAUCA* R. Grah. Solanaceae. **Tree tobacco.**

7161. Tacna Department, Tarata Province 35½ km. north of Tacna on road to Tarata. Elevation 1,770 meters.

307909 to 307911. *NICOTIANA RUSTICA* var. *PAVONII* (Dun.) Goodsp.

307909. 4148. Junin Department, Tarma Province, between Tarma and Placa about ½ km. above Palca, roadsides. Perennial shrub to 1 meter. Flowers green. Stout woody base. Elevation 2,780 meters.

307910. 4417. Ancash Department, Carhuas Province, Vicos in the Cordillera Blanca, behind houses. Elevation 2,960 meters.

307911. 4475. Amazonas Department, Chachapoyas Province, Rio Utcubamba 12 km. below Cacalic, road to Chachapoyas. Plants to 1 meter high. Flowers dull green yellow.

307912. *NICOTIANA SETCHELLII* Goodspeed

4978. Amazonas Department, Chachapoyas Province, Rio Utcubamba 18 km. north of Leimebamba. Elevation about 1,900 meters. This is the area of the type collection.

307913 and 307914. *NICOTIANA TABACUM* L. **Tobacco.**

307913. 4462. Amazonas Department, Bongara Province, Rio Utcubamba 300 km. east of Olmos, field opposite entrance to Campomiento Ingenio. Glutinous herb to 1½ meters. Petal bases greenish white; upper petals white with varying amounts of pink suffusion, some to pure magenta pink. Anthers olive brown. Elevation 1,150 meters.

307914. 6832. Amazonas Department, Bongara Province, 17 km. above Puente Ingenio (Rio Utcubamba) on the road to La Rioja, 320 km. east of Olmos. Elevation 1,750 meters.

307915. *NICOTIANA THYRSIFLORA* Bitt. ex Goodsp.

7031. Cajamarca Department, 29 km. northeast of Cajamarca on the road to Hualgayoc. Plants to 1 meter. Flowers yellow green. Scattered small populations of 20–30 plants, seldom more. Only 5 plants here with flowers, but many seedlings. Buds taken.

307916. *NICOTIANA GLUTINOSA* L.

7093. Lima Department, Rio Rimac Valley, 2 km below San Bartolome, dry draw. Seed only taken; plants completely dried up. Elevation 1,400 meters.

307917 to 307948.

From Spain. Seeds collected May–June 1965 by P. F. Knowles, University of California, Davis, Calif. Received Oct. 7, 1965.

307917. *BRACHYPODIUM* sp. Gramineae.

Col. No. 961. Thirteen miles west of Alcoy; plants 12 to 24 inches high; common, vigorous.

307918 to 307925. *CARDUNCELLUS CAERULEUS* (Gaertn.) Less. Compositae.

307918. Col. No. 932. Ten miles northeast of Algeciras, along roadside. Plants 15 to 20 inches high; scarce.

307919. Col. No. 934. Sixteen miles southeast of Antequera, along roadside. Plants 15 to 20 inches high; flowers dark blue.

307920. Col. No. 935. Sixteen miles southeast of Antequera, along roadside. Plants 12 to 15 inches high; flowers pale blue.

307921. Col. No. 936. By nursery of R. Carrascosa, 8 miles south of Cordoba. Plants 24 to 30 inches high.